

Ocean Power Delivery Ltd

From: Max Carcas [max@oceanpd.com]

Sent: Tuesday, February 05, 2002 5:34 AM

To: Tara Dunn

Subject: CLEAN ENERGY FOR CALIFORNIA'S ECONOMIC FUTURE DRAFT INVESTMENT PLAN

Hi Tara,

Thanks for the email requesting comments on the above document - I've just two:

Certainly it looks like a good well thought out investment plan for the CPA to pursue. I thought I should draw your attention to a possible typo - if you look at the tables on page 5 versus the one on page 25 the numbers don't seem to match, although I think they relate to the same information.

The other point, perhaps not entirely relevant in this document (except to mention it on page 17), is that California should look to start to exploit its offshore wave power resource over the next five years. California possesses a massive resource - in excess of 40GW annual average power - which is dissipated on the coasts of California. Various wave power concepts are currently being developed and demonstrated in Europe, Japan, India and Australia. BC Hydro in Canada recently ran a commercial tender for a 4MW wave power demonstration project earlier this year. Their goal is to install 100MW of wave power to provide power to Vancouver Island. (Offshore, this would require about 4 square kilometres of ocean surface, in comparison an equivalent size onshore wind farm would require about 16 square kilometres of land). Predicted opening costs are around \$1500/kw installed capacity - with cost of electricity around 8-12c/kwh, depending on resource, scheme size, cost of finance etc.

Obviously I mention this with a degree of self interest (!) - please feel free to have a look at www.oceanpd.com for more information on our 7th scale prototype wave energy converter, which is currently being tested in the Firth of Forth off the coast of Edinburgh. Do you think the CPA might be interested in looking at wavepower in their portfolio of clean energy in the years to come?

Best regards

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